

Title (en)  
DUAL-WET-CLUTCH TRANSMISSION

Title (de)  
GETRIEBE MIT EINER DOPPELNASSKUPPLUNG

Title (fr)  
BOÎTE DE VITESSES À DOUBLE EMBRAYAGE À BAIN D'HUILE

Publication  
**EP 2864675 A1 20150429 (EN)**

Application  
**EP 13810871 A 20130621**

Priority  
• FR 1256057 A 20120626  
• US 2013046978 W 20130621

Abstract (en)  
[origin: WO2014004274A1] Dual-wet-clutch (8, 9) transmission (3) for a vehicle gearbox, said dual-clutch (8, 9) transmission (3) being coupled to a drive shaft (12) and being able to receive the torque from the drive shaft (12), also including: a hydraulic circuit fed by a pump (20) supplying the pressurized fluid; means for controlling the movement of the clutches (8, 9), belonging to the hydraulic circuit. The means for controlling the movement of the clutches (8, 9) include a proportional flow rate valve (14, 15) for each clutch (8, 9) providing at the output (S1) a hydraulic pressure injected into the clutch (8, 9) against a return force exerted on the clutch (8, 9) by spring means (27, 28), said proportional flow rate valve (14, 15) being closed-loop controlled to adjust the pressure in the output (S1).

IPC 8 full level  
**F16D 48/06** (2006.01)

CPC (source: CN EP KR US)  
**F16D 21/06** (2013.01 - EP KR US); **F16D 25/0638** (2013.01 - KR); **F16D 25/082** (2013.01 - EP); **F16D 25/10** (2013.01 - EP); **F16D 25/14** (2013.01 - US); **F16D 48/062** (2013.01 - CN KR US); **F16D 48/066** (2013.01 - EP US); **F16H 61/08** (2013.01 - KR); **F16H 61/688** (2013.01 - KR); **F16D 2021/0653** (2013.01 - US); **F16D 2021/0661** (2013.01 - EP US); **F16D 2048/0278** (2013.01 - CN EP US); **F16D 2500/1027** (2013.01 - US); **F16D 2500/3024** (2013.01 - US); **F16D 2500/30421** (2013.01 - US); **F16D 2500/30426** (2013.01 - US)

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Designated extension state (EPC)  
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